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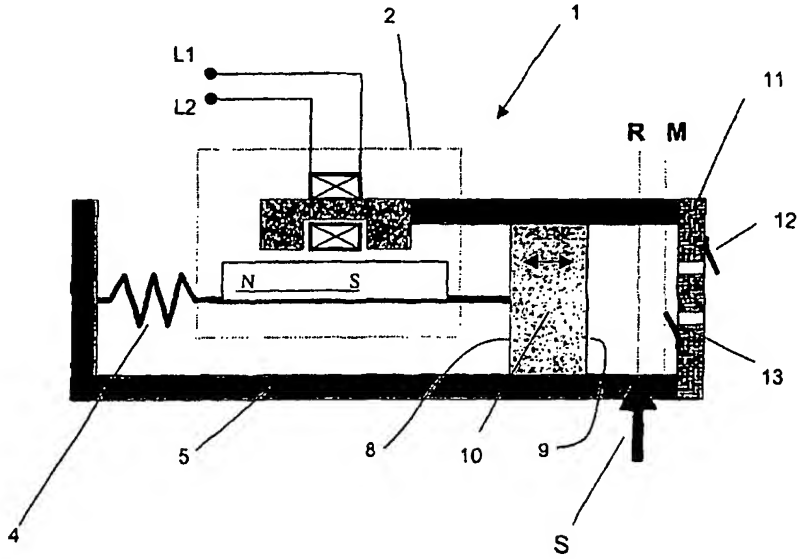
(54) Title: A CONTROL SYSTEM FOR THE MOVEMENT OF A PISTON



(57) Abstract: A control system is provided for controlling the movement of the piston (10) of the fluid-pumping device (1), the piston (10) being displaceable in a block (5) of the fluid-pumping device (5) and being driven by a motor (2) fed by a voltage (V), comprising a semiconductor electronic system (T) cyclically applying the voltage (V) to the motor (2) to move the piston (10), a resistive element (Rb), a capacitive element (Cy), a piston-position sensor (S) to indicate the passage of the piston (10) by a point (R) at the block (5), the capacitive element (Cy) being charged by means of the resistive element (Rb), at each cycle of application of voltage (V) to the motor (2), the capacitive element (Cy) being discharged, at least partly, when the piston (10) passes by the point (R).

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